

means and spaced side walls coacting with the front wall to define a housing hollow;

6' count
Ans B'
Q' con't
a pair of vertically spaced upper and lower hooks each mounted in the housing for pivotal movement between a retracted, unlatched position within the hollow of the housing and an extended, latched position extending out of the hollow of the housing through the front wall aperture means for latching coaction with the keeper ~~structure~~, and actuator means including an actuator pivotally mounted [positioned] in the housing intermediate the upper and lower hooks, and including drive means accessible proximate one of the housing side walls for driving receipt of [adapted to receive] a tail member from the handle assembly, and means operative in response to [turning] pivotal movement of the actuator in response to turning movement of the tail member to move the upper and lower hooks pivotaly and in unison between their unlatched and latched positions.

2. (Amended) A latch according to claim 1 wherein the [hooks are pivotally mounted in] latch further includes adjuster means operative to individually adjust the position of each hook relative to the housing.

3. Line 1, change "claim 2" to --claim 1--.

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5. (Amended) A latch according to claim 1 wherein [the housing includes a sidewall and] the housing [sidewall defines] side walls define upper and lower [openings] holes

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for passage of upper and lower fasteners utilized to attach the handle assembly to the stile of the door.

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6. (Amended) A latch according to claim 5 wherein the upper hole is positioned vertically between the upper actuator [means] and the upper hook and the lower hole is positioned vertically between the lower actuator [means] and the lower hook.

4. ~~7.~~ (Amended) A latch according to claim ~~4~~³ wherein the [latch] actuator means further includes an upper link interconnecting the upper actuator and the upper hook and a lower link interconnecting the lower actuator and the lower hook.

[Please cancel claim ~~8~~ and rewrite it in independent form as follows:]

Q³
9. ~~19.~~ A multi-point sliding door latch adapted to be fitted in a single opening in the lock face of the stile of the door and arranged for coaction with a keeper structure on an associated jamb and for coaction with a handle assembly mounted on the stile of the door and including a tail member operated by a thumb turn or a key lock, the latch comprising:

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a unitary hollow ^{Lousing adapted to} ~~housing sized to~~ fit in the stile opening;

a pair of vertically spaced upper and lower hooks each mounted in the housing for movement between a retracted, unlatched position within the hollow of the housing and an extended, latched position extending out of the hollow of the housing for latching coaction with the keeper structure; and

actuator means positioned in the housing intermediate the upper and lower hooks, adapted to receive a tail member from the handle assembly, and operative in response to turning movement of the tail member to move the upper and lower hooks in unison between their unlatched and latched positions;

the actuator means including a pivotal arm mounted at one end thereof for pivotal movement in the housing about a pivot axis and including a radially extending slot provided at another end of the arm;

the housing defining an arcuate slot centered on the pivot axis and intersecting the pivot arm slot;

the latch further including a pin passing through the housing and pin assembly slots and means operatively connecting the pin to one of the hooks;

the housing further defining a tail end slot portion communicating with one end of the arcuate slot and extending inwardly therefrom toward the pivot axis;

the latch further including spring means biasing the pivot arm for movement about the pivot axis in a direction to cause the pin to move inwardly into the tail end slot

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A ³ _{Am 1/4} portion following movement of the pin to said one end of the arcuate slot.

10 ~~9.~~ (Amended) A latch according to claim [8] ⁹ ~~10~~ wherein the operatively connecting means comprises a link connected at one end thereof to the pin and pivotally connected at another end thereof to said one hook.

11 ~~10.~~ (Amended) A multi-point sliding door latch adapted to be fitted in a single opening in the lock face of the stile of the door and arranged for coaction with a keeper structure on an associated jamb and for coaction with a handle assembly mounted on the stile of the door and including a tail member operated by a thumb turn or a key lock, the latch comprising:

^{Am 1/2} a single unitary [hollow] housing sized to fit in the stile opening and including a front wall defining aperture means and spaced side walls coacting with the front wall to define a housing hollow;

a pair of vertically spaced upper and lower hooks each pivotally mounted in the housing for movement between a retracted, unlatched position within the hollow of the housing and an extended, latched position extending out of the hollow of the housing through the front wall aperture means for latching coaction with the keeper structure;

upper and lower actuators pivotally mounted in the housing in vertically spaced side-by-side relation between the upper and lower hooks and each including slot means

accessible through one of the housing side walls for receipt of [adapted to receive] a tail member from the handle assembly whereby turning movement of the tail member pivots the engaged actuator;

a gang link connecting the upper and lower actuators so that pivotal movement of one actuator generates corresponding pivotal movement of the other actuator;

an upper link interconnecting the upper actuator and the upper hook; and

a lower link interconnecting the lower actuator and the lower hook.

¹² ~~11~~. (Amended) A latch according to claim ¹¹~~10~~ wherein [the housing includes a sidewall and] the sidewalls define [defines] upper and lower [openings] holes for passage of upper and lower fasteners utilized to attach the handle assembly to the stile of the door.

¹³ ~~12~~. (Amended) A latch according to claim ¹²~~11~~ wherein the upper hole is positioned vertically between the upper actuator [means] and the upper hook and the lower hole is positioned vertically between the lower actuator [means] and the lower hook.

Please cancel claim 13 and rewrite it in independent form as follows:

14 ~~20~~ A multi-point sliding door latch adapted to be fitted in a single opening in the lock face of the stile of the door and arranged for coaction with a keeper structure on an associated jamb and for coaction with a handle assembly mounted on the stile of the door and including a tail member operated by a thumb turn or a key lock, the latch comprising:

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B a unitary hollow ~~housing sized to fit in the stile opening;~~ *Housing adapted to*

a pair of vertically spaced upper and lower hooks each pivotally mounted in the housing for movement between a retracted, unlatched position within the hollow of the housing and an extended, latched position extending out of the hollow of the housing for latching coaction with the keeper structure;

upper and lower actuators pivotally mounted in the housing in vertically spaced side-by-side relation between the upper and lower hooks and each adapted to receive a tail member from the handle assembly;

a gang link connecting the upper and lower actuators so that pivotal movement of one actuator generates corresponding pivotal movement of the other actuator;

an upper link interconnecting the upper actuator and the upper hook; and

a lower link interconnecting the lower actuator and the lower hook;

the upper and lower actuators respectively comprising upper and lower pivot arms, each mounted at one end thereof

for pivotal movement in the housing about a pivot axis and each including a radially extending slot provided at another end of the arm;

the housing defining upper and lower arcuate slots, each centered on a pivot axis of a respective upper and lower pivot arm and each intersecting the radially extending slot of the respective pivot arm;

the latch further including an upper pin mounted on the lower end of the upper link and passing through the upper arcuate slot and the upper pivot arm slot and a lower pin mounted on the upper end of the lower link and passing through the lower arcuate slot and the lower pivot arm slot:

each arcuate slot further defining a tail end slot portion communicating with one end of the respective arcuate slot and extending inwardly therefrom toward the pivot axis of the respective pivot arm; and

the latch further including spring means biasing each pivot arm for movement about its pivot axis in a direction to cause the respective pin to move inwardly into the tail end slot portion of the respective arcuate slot following movement of the pin to said one end of the respective arcuate slot.

15 ~~14.~~ (Amended) A multi-point sliding door latch and handle assembly adapted to be fitted on the stile of the door, comprising:

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housing adapted to

a single unitary [bracket] hollow ~~housing sized~~ to fit in an opening in the lock face of the stile and including a front wall defining aperture means and spaced sidewalls coacting with the front wall to define a housing hollow and [sidewall] defining upper and lower holes providing access to the housing hollow [interior of the housing];

a pair of vertically spaced upper and lower hooks each pivotally mounted in the housing for movement between a retracted, unlatched position within the hollow of the housing and an extended latched position extending out of the hollow of the housing through the front wall aperture means for latching coaction with a keeper structure on an associated jamb;

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actuator means including an actuator pivotally mounted [positioned] in the housing intermediate the upper and lower hooks and including drive means proximate one of the housing side walls for driving receipt of [, adapted to receive] a tail member, and means operative in response to pivotal movement of the actuator in response to turning of a tail member to move the upper and lower hooks pivotally and in unison between their unlatched and latched positions; and

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a handle assembly including an escutcheon plate adapted to be mounted on the stile of the door, a handle mounted on the escutcheon plate, a latch actuator device mounted on the escutcheon plate and including a tail member [adapted to extend] extending through an aperture in the stile for driving receipt by the actuator member, and upper

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and lower fastener members extending through upper and lower holes in the escutcheon plate, through the stile, and through the upper and lower holes in the housing [sidewall] sidewalls.

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16 ~~15~~. (Amended) A multi-point sliding door latch and handle assembly according to claim ~~14~~ ¹⁵ wherein:

the upper hook is positioned in the housing above the upper housing sidewall hole;

the lower [look] hook is positioned in the housing below the lower housing sidewall hole; and

the actuator [means are] is positioned in the housing hollow between the upper and lower housing sidewall holes.

17 ~~16~~. (Amended) A multi-point sliding door latch and handle assembly according to claim ~~14~~ ¹⁵ wherein the hooks [are pivotally mounted in the housing,] move in opposite directions about their respective pivot axes[,] and open toward each other in their latched positions.

18 ~~17~~. (Amended) A multi-point sliding door latch and handle assembly according to claim ~~14~~ ¹⁵ wherein the actuator means comprises upper and lower actuators positioned in vertically spaced side-by-side relation in the housing hollow and each pivotally mounted in the housing, and the actuators are ganged together by a gang link so that pivotal movement of one actuator generates corresponding pivotal movement of the other actuator.

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Please Add the following new claims:

21. A sliding door assembly comprising:

a door including a stile including a lock face and means defining a single mortise opening in the lock face;

a unitary housing fitted in the mortise opening in the lock face of the stile and including a front wall defining aperture means and spaced sidewalls coacting with the front wall to define a housing hollow;

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a pair of vertically spaced upper and lower hooks each mounted in the housing hollow for movement between a retracted, unlatched position within the hollow of the housing an extended latched position extending out of the hollow of the housing through the front wall aperture means for latching coaction with a keeper structure on an associated jamb;
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actuator means including an actuator pivotally mounted in the housing intermediate the upper and lower hooks and including drive means proximate one of the housing side walls for driving receipt of a tail member and means operative in response to pivotal movement of the actuator in response to turning of a tail member to move the upper and lower hooks pivotally in unison between their unlatched and latched positions; and

Sub B¹
a handle assembly including an escutcheon plate mounted on the stile of the door, a handle mounted on the escutcheon plate, a latch actuator device mounted on the escutcheon plate and including a tail member extending

through an aperture in the stile for driving receipt by the actuator.

22. A sliding door assembly according to claim 21 wherein:

the housing sidewalls define upper and lower holes; and

the handle assembly includes upper and lower fastener members extending through upper and lower holes in the escutcheon plate, through the stile, and through the upper and lower holes in the housing sidewalls.

23. A sliding door assembly according to claim 22 wherein:

the upper hook is positioned in the housing above the upper housing sidewall hole;

the lower hook is positioned in the housing below the lower sidewall hole; and

the actuator is positioned in the housing between the upper and lower housing sidewall holes.

24. A sliding door assembly according to claim 21 wherein the hooks move in opposite directions about their respective pivot axes and open toward each other in their latched positions.

24 25. The sliding door assembly according to claim 21 wherein the actuator means comprises upper and lower

actuators positioned in vertically spaced side by side relation in the housing hollow and each pivotally mounted in the housing and the actuators are ganged together by a gang link so the pivotal movement of one actuator generates corresponding pivotal movement of the other actuator.

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~~25~~ ²⁴ 26. A sliding door assembly according to claim ~~25~~ wherein the actuator means further includes an upper link interconnecting the upper actuator and the upper hook and a lower link interconnecting the lower actuator and the lower hook.

42 ~~1~~ ¹ 27. A latch according to claim ~~1~~ wherein:

the adjuster means comprise upper and lower arms pivotally mounted in the housing at inboard ends thereof, and upper and lower adjuster mechanisms carried by the housing, engaging an outboard end of a respective arm, and operative to adjustably move the respective outboard arm end; and

the upper and lower hooks are respectively pivotally mounted on the upper and lower arms at locations between the inboard and outboard ends of the respective arms whereby operation of the adjuster mechanism for one of the arms pivots that arm about its inboard end and adjusts the position of the respective hook relative to the housing.
